

# Portfolio of Knowledge-Based Economy Investments

*By Focus Area by Fund*



KENTUCKY SCIENCE & TECHNOLOGY  
C O R P O R A T I O N

KENTUCKY ENTERPRISE FUND  
(The Fund)

KENTUCKY SCIENCE AND  
ENGINEERING FOUNDATION  
(KSEF)

EXPERIMENTAL PROGRAM TO  
STIMULATE COMPETITIVE  
RESEARCH  
(EPSCoR)

June 2005

# Portfolio of Knowledge-Based Economy Projects and Investments

In 2000, the State enacted the Knowledge-Based Economy (KBE), an ambitious initiative to build an entrepreneurial economy in the Commonwealth. This Act involves a range of interrelated efforts aimed at improving R&D, technological innovation, commercialization and the start-up and growth of knowledge-driven Kentucky companies.

This report summarizes KBE investments\* and projects managed by the Kentucky Science and Technology Corporation (KSTC) through partnerships with the Kentucky Council on Postsecondary Education and the Department for Commercialization and Innovation, Economic Development Cabinet. These initiatives include the Kentucky Science and Engineering Foundation (KSEF), the Kentucky Experimental Program to Stimulate Competitive Research (EPSCoR), and a series of seed and early-stage investment funds: the R&D Voucher Fund, the Rural Innovation Fund and the Kentucky Commercialization Fund managed by the Kentucky Enterprise Fund (The Fund).

KSTC is an independent nonprofit company founded in 1987 to improve the capacity of people, organizations and companies to develop and apply science and technology and compete responsibly in the global marketplace.

For more information on these and other KSTC efforts contact:



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## **Experimental Program to Stimulate Competitive Research (EPSCoR)**

Rick Kurzynske, Statewide Director, 859.255.3511 ext. 226,  
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## **Kentucky Science and Engineering Foundation (KSEF)**

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## **Kentucky Enterprise Fund (The Fund)**

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\*Data in this report for the Kentucky Statewide EPSCoR Program is for only three years (FY 02/03, FY 03/04 and FY 04/05). Prior to FY 02/03 Kentucky EPSCoR project data records were kept solely by the respective universities. In these three years, \$7.6 million invested through Kentucky EPSCoR was leveraged to obtain \$52.4 million in federal EPSCoR research funding.

# Kentucky Science and Technology Corporation Knowledge-Based Economy Investment Highlights

July 1, 2002 - June 30, 2005

## **660 Investments\***

(12 Universities, 147 Companies, 47 Counties)

**\$25.3 Million State Funds Invested\***

**\$84.0 Million Non-State Matching**

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**\$254.9 Million Follow-On Investments\*\***

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**120 New Companies Formed\*\***

**1,542 New Jobs Created\*\***

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**29 Contracts with Negotiated Payback  
\$394,089 in Actual ROI from 2 Companies**

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**3 New Patents and 56 other Invention  
Disclosures and Patent Applications**

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**6,059-Person Database of Expert  
Reviewers**

**2 Expert Venture Capital Review Panels  
Formed**

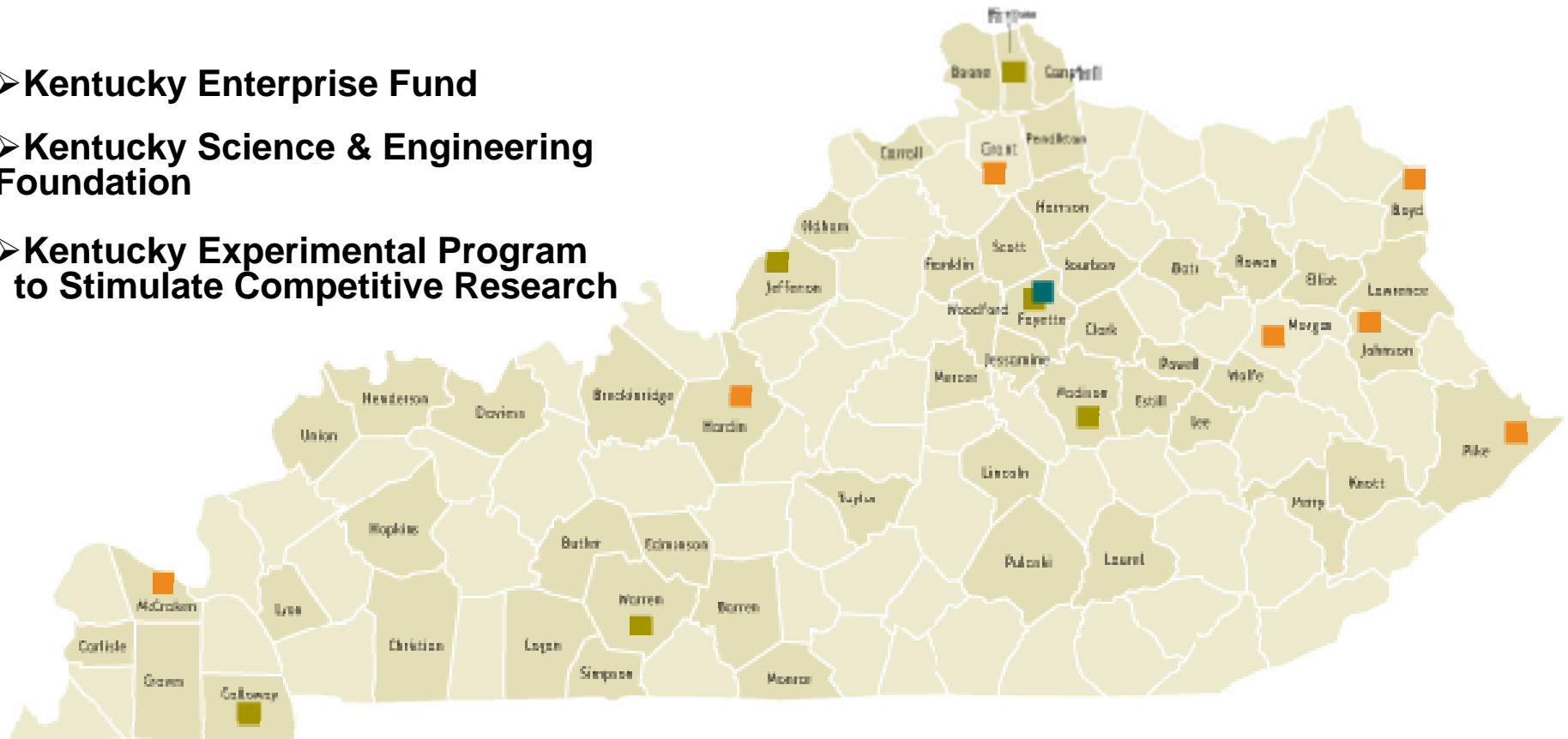
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\* These investments were made under nationally competitive due diligence and professional expert reviews of 975 applications, which requested over \$53 Million.

\*\* Because of the close interrelationship between the Kentucky Enterprise Fund and the Innovation and Commercialization Centers, these numbers include *unduplicated* numbers from both programs, as well as KSEF and EPCSoR.

# Counties of CPE/KBE Investments by KSTC FY02 - Present

- Kentucky Enterprise Fund
- Kentucky Science & Engineering Foundation
- Kentucky Experimental Program to Stimulate Competitive Research



Innovation & Commercialization Centers (ICC)

Statewide ICC Headquarters

Innovation Centers